

Title (en)

Automatic dryer control based on load information

Title (de)

Automatische Wäschetrocknersteuerung aufgrund von Beladungsdaten

Title (fr)

Commande automatique d'un sèche-linge basée sur des informations de charge

Publication

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Application

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Priority

US 32766502 A 20021224

Abstract (en)

A drying machine 200 according to the present invention includes an interface unit 220 connected to a separate washing machine 100 with a data communication line 300 for receiving load information from the washing machine 100, a rotatable drum 280 containing a load of wet clothes which are previously washed by the washing machine 100, and an air supply system 260 coupled to the drum 280 for supplying dry air into the drum 280. The machine 200 further includes a heater 270 coupled to the air supply system 260 for heating the dry air, and a dryer controller 210 generating a control signal to the heater 270 in accordance with a set of operation values which are determined based on the load information. A method of operating a drying machine 200 according to the present invention includes the steps of receiving 420 load information from a separate washing machine 100 that performs wash/dehydration cycles on a load of clothes, determining 450 a set of optimal operation values for operation a heater 270 on the basis of the load information where the heater 270 heats the dry air being supplied into a drum 280 containing the load of wet clothes, and generating 460 a control signal to the heater 270 in accordance with the determined optional values. <IMAGE>

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Citation (applicant)

- US 5444996 A 19950829 - JOSLIN DANIEL F [US], et al
- DE 19802650 A1 19990729 - AEG HAUSGERAETE GMBH [DE]
- FR 2635539 A1 19900223 - CIAPEM [FR]
- EP 0067896 A1 19821229 - VERZINKEREI ZUG AG [CH]

Citation (search report)

- [X] US 5444996 A 19950829 - JOSLIN DANIEL F [US], et al
- [X] DE 19802650 A1 19990729 - AEG HAUSGERAETE GMBH [DE]
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- [A] EP 0067896 A1 19821229 - VERZINKEREI ZUG AG [CH]
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